

1 **II. AMENDMENTS TO THE SPECIFICATION**

2 Your applicant is responding to the Examiner's Action of June 3, 2005 and is
3 submitting a "Replacement Sheet" of drawings showing Fig. 6 and new Fig. 6A. Per 37
4 CFR 1.125, there is no new matter included by this "Replacement Sheet". The new Fig.
5 6A depicts details disclosed in the original specification and in the original Fig. 6. The
6 Specification is amended in the Brief Description of the Drawings to include reference to
7 new Fig. 6A.

8 Please replace page 3 of the original application with the following amended page
9 3. The change to page 3 is in the Brief Description of Fig. 6 and comprises "FIG. 6 and
10 FIG. 6A is...".
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Serial No. 10/647,030

Application No. 10/647,030

Floyd E. Ivey, USPTO 33552

1 Application 10/647,030
2 Examiner's action of June 3, 2005
3 Submitted June 24, 2005

4 FIG. 1 is a plan view of a multi-unit vehicle interconnected with a yaw, pitch and
5 roll apparatus.

6 FIG. 2 is a side elevation of a multi-unit vehicle showing the yaw, pitch and roll
7 apparatus.

8 FIG. 3 illustrates the apparatus in pitch orientation.

9 FIG. 4 illustrates the apparatus showing the pitch assembly, the yaw assembly and
10 the roll assembly.

11 FIG. 5 illustrates the apparatus in an exploded view where the yaw assembly
12 comprises one first yaw assembly plate motor and shaft means interconnected, for yaw
13 power, to at least one second yaw assembly plate. Also seen are the components of the
14 pitch assembly and the roll assembly.

15 FIG. 6 and FIG. 6A is an exploded view of the pitch, yaw and roll assembly
16 showing the yaw assembly with at least one first yaw assembly plate and at least one first
17 top assembly plate for presentation of apertures for alignment and interconnection with at
18 least one second yaw assembly plate and at least one top second yaw assembly plate to
19 receive shaft and or yaw motor with shaft and or shaft and gear interconnection.

20 Detailed Description

21 Figures 1 through 6 show a multi-unit vehicle and the interconnection apparatus
22 of a yaw, pitch and roll apparatus to and between multiple vehicle units. Figures 1 and 2
23 demonstrate plan and elevation views showing the interrelation of the yaw, pitch and roll
24 apparatus of this invention. Figure 3 illustrates the pitch interrelationship provided when
25 the multi-unit vehicle traverses pitch force imposing movement. Figure 4 illustrates the
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1 apparatus assembled while Figures 5 and 6 illustrate exploded views.

2 As seen in Figures 4, 5 and 6, a yaw, pitch and roll articulated assembly (1) for a
3 multi-unit vehicle is comprised of a pitch assembly (100) interrelated with a yaw
4 assembly (200) and a roll assembly (300).

5 **PITCH ASSEMBLY**

6 The pitch assembly (200) has pitch means (130); said pitch assembly (100) having
7 pitch assembly interconnection means to a first vehicle unit (10); pitch means
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